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## SI - RV3

Smart wireless vacuum probe with dual valves

### Product informations

**Si-RV3**, the wireless smart vacuum probe for vacuum measurement in a refrigeration system.

### Product features

- light and curved design for easy plug-in to facilities
- high accuracy Pirani<sup>®</sup> vacuum sensor
- dual valve system enabling simultaneous vacuum measurement and evacuation of refrigerant
- built-in Shrader<sup>®</sup> cores for easy refrigerant charging
- range from 5 to 25,000 microns
- reduce to use of hoses
- overmoulding for easy handling and protection
- long range wireless connection low energy

### Vacuum features

- vacuum measurement function
- configuration of vacuum target value
- temperature of water evaporation

### Supplied with

- certificate of conformity



- user manual
- 3 alkaline AAA 1.5 V batteries

## Si-Manifold App features

- clear interface for easy reading in any condition
- gauge, table or graphic visualizations
- creation of measurements report with possibility to add pictures
- report exportation in PDF, CSV and XML formats
- data logging
- chronometer function
- free app for iOS and Android devices (*minimum required versions: Android 4.4, iOS 8.0*)

## Manifold features

- superheat and subcooling real time calculation
- configuration of superheat/subcooling target values
- heating and cooling functions
- 126 refrigerant gases with favorite list

## Download here!

- <https://apps.apple.com/us/app/si-manifold/id1294563130>
- [https://play.google.com/store/apps/details?id=com.sauermann.si\\_manifold&hl=en](https://play.google.com/store/apps/details?id=com.sauermann.si_manifold&hl=en)

TOOL DESCRIPTION	
1	FEMALE CONNECTOR ¼" FFL WITH SCHRADER® DEPRESSOR
2	IDENTIFICATION LABEL



<i>TOOL DESCRIPTION</i>	
3	MALE CONNECTOR ¼" MFL WITH SCHRADER® VALVE
4	CAP

## Technical Features

<i>VACUUM GAUGE</i>	
<i>MEASUREMENT AND DISCHARGE VALVE</i>	2 WAYS
<i>MEASURING RANGE</i>	5 ÷ 25000 MICRON
<i>PRESSURE SENSING ACCURACY</i>	± 10% OF THE MEASURED VALUE ± 10 MICRONS
<i>AVAILABLE UNITS</i>	MICRON, PA, HPA, MBAR, TORR, MMHG, INHG, INH <sub>2</sub> O
<i>RESOLUTION</i>	<ul style="list-style-type: none"> <li>• 1 MICRON 0 TO 1000 MICRONS</li> <li>• 10 MICRONS 1000 TO 2000 MICRONS</li> <li>• 100 MICRONS 2000 TO 10,000 MICRONS</li> <li>• 500 MICRONS 10.000 TO 25.000 MICRONS</li> </ul>
<i>OVERLOAD</i>	10 BAR
<i>BURST PRESSURE</i>	27,5 BAR
<i>OPERATING TEMPERATURE</i>	- 10 ÷ 50°C
<i>STORAGE TEMPERATURE</i>	- 20 ÷ 60°C
<i>DEVICE</i>	
<i>ENVIRONMENTAL CONDITIONS OF USE</i>	<ul style="list-style-type: none"> <li>• HUMIDITY: NOT IN CONDENSING CONDITIONS</li> <li>• MAXIMUM ALTITUDE: 2000 M (6561')</li> <li>• NOT CORROSIVE OR COMBUSTIBLE GAS</li> </ul>
<i>BATTERY LIFE</i>	250 H (FOR ONE MEASUREMENT EVERY SECOND AT 20°C)
<i>BLUETOOTH®</i>	CLASS 1 BLUETOOTH® 4.2



**SI - RV3**

<b>WIRELESS CONNECTION RANGE</b>	UP TO 30 M (DEPENDING ON SMARTPHONE AND TABLET WIRELESS CONNECTION RADIO STRENGTH)
<b>PROTECTIONS</b>	IP54 (PROTECTED AGAINST WATER SPRAYS FROM ANY DIRECTION AND PROTECTED AGAINST DUST, SUCH THAT IT DOES NOT INTERFERE WITH THE OPERATION OF THE DEVICE)
<b>WEIGHT</b>	0,26 KG

SKU	MODEL	PRICE
00000011642	SI-RV3	€488.85 VAT EXCLUDED

